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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/828,904	04/10/2001	Sunil H. Contractor	BS00-363	7194

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EXAMINER
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PHAM, THOMAS K

ART UNIT	PAPER NUMBER
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2121

DATE MAILED: 06/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/828,904

Applicant(s)

CONTRACTOR, SUNIL H.

Examiner

Thomas K. Pham

Art Unit

2121

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24, 26-51 and 53-55 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24, 26-51 and 53-55 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- 1) ☐ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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***Response to Amendment***

1. This action is in response to request for re-consideration filed on 05/16/2005.
2. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn but are moot in view of the new ground(s) of rejection.
3. Claims 1-24, 26-51 and 53-55 are presented for examination.

**Quotations of U.S. Code Title 35**

4. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

### **Claim Rejections - 35 USC § 101**

8. The language of the claim raises a question as to whether the claim is directed merely to an abstract idea that is not tied to a technological art, environment or machine which would result in a practical application producing a concrete, useful, and tangible result to form the basis of statutory subject matter under 35 U.S.C. 101.

Claim 1 is rejected under 35 U.S.C. 101 as not being tangible since the steps of the method do not require use of hardware or computer system to accomplish the steps. For example, any person can receive a hard copy (print out) of “online session data” to identify which users to be called according to the information provided on the print out such as “who have recently ended their online sessions”.

### **Claim Rejections - 35 USC § 112**

9. Claim 7 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

10. Claim 7 recites the limitation "data of failed calls" in line 2. There is insufficient antecedent basis for this limitation in the claim. The limitation “data of failed calls” was not found or mention in any of the claims in which it depends on. It is unclear whether or how the data was collected, gathered or even exist at all during the method steps.

**Claim Rejections - 35 USC § 102**

11. Claims 1-6, 9-17, 30-36, 38-44, 51 and 53-55 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,870,724 ("Lawlor").

**Regarding claims 1 and 30**

Lawlor teaches contacting a user, comprising: receiving online session data that specifies users who have ended recent online sessions; processing the online session data to identify users to call who have recently ended their online sessions; and calling the users who have recently ended their online sessions. [col. 31 lines 48-59 discloses all of the above limitations].

**Regarding claims 10 and 40**

Lawlor teaches identifying users to a caller, comprising: detecting the end of an online session of a user; storing a record of the online session that indicates that the online session of the user has recently ended; and transmitting the record to a caller to cause the caller to place a call to the user after the online session has ended. [col. 31 lines 48-59 discloses all of the above limitations].

**Regarding claim 51**

Lawlor teaches a system for identifying users to call, comprising: a remote access server for determining when an online session of a user has ended; a memory for storing online session data including data sufficient to identify the time the online session of a user ended; an output module for sending the online session data to a third party caller to cause the third party to place a call to the user after the online session of the user has ended. [col. 31 lines 48-59 discloses all of the above limitations]. It should be noted that Lawlor inherently teaches a remote access server while monitoring and detecting online users.

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**Regarding claim 2**

Lawlor teaches the online session data identifies a user that has completed an Internet session. (col. 31 lines 52-59).

**Regarding claims 3, 15, 38 and 53**

Lawlor teaches the online session data includes a phone number (col. 3 lines 51).

**Regarding claims 4, 16 and 55**

Lawlor teaches the online session data includes a phone number and an address (col. 32 lines 5-12).

**Regarding claims 5, 6, 17 and 36**

Lawlor teaches a determination of the time and the time interval since an Internet session was completed (col. 31 lines 52-59).

**Regarding claims 9, 11, 12 and 44**

Lawlor teaches a third party other than the ISP and other than the user receives the session data (col. 31 lines 48-52); the third party is a telemarketer (col. 31 line 54).

**Regarding claim 13**

Lawlor teaches transmitting is performed in substantially real time relative to the step of storing (col. 31 lines 52-55).

**Regarding claim 14**

Lawlor teaches the transmitting is performed in real-time (col. 31 lines 52-55, it should be noted that real-time must be within fifteen minutes).

**Regarding claim 42**

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Lawlor teaches the online session data includes a phone number and the end time of an online session (col. 31 lines 48-57).

**Regarding claim 39**

Lawlor does not teach the step of repeating phone calls to users is automated. “Official Notice is taken for the concept and advantage of automatically redial/dial phone calls is well known and expected in the art. U.S. Patent 6,438,599 discloses the telephone initiator can be done automatically by a computer software (see col. 5 lines 42-45).

**Regarding claim 31**

Lawlor teaches the means for receiving online session data comprises means for communicating with an Internet Service Provider (ISP) (col. 31 lines 48-52).

**Regarding claims 32, 33, 34, 35 and 43**

Lawlor does not teach communicating comprises access to e-mail, a Web site, a facsimile or a direction connection for receiving a file containing the online session data. “Official Notice” is taken for both the concepts and advantages of ISP providing subscribers’ online session data via a Web site or providing in form of a file is well known and expected in the art. A news report “Harried America Online Customers Now Face Calls by Telemarketers” by Boston Globe on July 24, 1997 said that AOL is partnering with a Connecticut-based marketing firm (CUC) to sell products through a Web site shopping mall and also providing CUC files of member phone numbers for use in marketing effort.

**Regarding claim 41**

Lawlor teaches detecting comprises a remote access server (col. 31 lines 52-59).

**Regarding claim 54**

Lawlor teaches the online session data includes a name (col. 31 line 51).

### **Claim Rejections - 35 USC § 103**

12. Claims 7-8, 18-24, 26-29, 37 and 45-50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lawlor in view of U.S. Patent 6,272,126 ("Strauss").

#### **Regarding claims 18 and 45**

Lawlor teaches contacting users, comprising: placing calls to users based on online session data that specifies users who recently ended an online session [col. 31 lines 48-59]. Lawlor does not teach storing call details for calls not successfully completed; comparing the call details to online session data; and repeating phone calls to users that were previously unsuccessfully called based on the step of comparing. However, Strauss teaches storing call details for calls not successfully completed (abstract, "... In according with the invention, monitor equipment ... into a relational database ... "); detecting any busy or failed calls to ISP for translation (comparison) in order to notify the originating called party (col. 10 lines 3-15, *It should be noted that the ISP must compare the fail calls data with the online data in order to get the contact information of the called party.*); and repeating phone calls to users that were previously unsuccessfully called based on the step of comparing (col. 12 lines 52-54) for the purpose of providing simple and convenient dialing to users. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the calls handing method of Strauss with the targeting advertising system of Lawlor because it would provide for the purpose of providing simple and convenient dialing to users (see col. 5 lines 1-4).



**Regarding claims 7 and 37**

Lawlor does not disclose comparing the session data to data of failed calls. However, Strauss teaches detecting any busy or failed calls to ISP for translation (comparison) in order to notify the originating called party (col. 10 lines 3-15, *It should be noted that the ISP must compare the fail calls data with the online data in order to get the contact information of the called party.*) for the purpose of providing simple and convenient dialing to users. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the calls handing method of Strauss with the targeting advertising system of Lawlor because it would provide for the purpose of providing simple and convenient dialing to users (see col. 5 lines 1-4).

**Regarding claims 8, 20 and 23**

Strauss teaches the failed calls comprise one or more of busy calls or unanswered calls (col. 12 lines 63-66, “If the called party fails ... to its ISP Server 416”).

**Regarding claim 19**

Lawlor teaches the online session data includes a phone number (col. 31 line 51).

**Regarding claim 21**

Strauss teaches receiving the call details from a telephone service provider (col. 8 lines 7-14, “the PC Server A is ... of the calling party”).

**Regarding claim 22**

Strauss teaches the telephone service provider stores the call details based on a trigger at a Service Switching Point (SSP) (col. 8 lines 35-45, “Each customer of the ... carrier network in New Orleans”).

**Regarding claim 24**

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Strauss teaches the online session data is provided by an Internet Service Provider (ISP) (col. 7 lines 1-7, "The local ISP is ... the destination service provider").

**Regarding claims 26 and 48**

Lawlor teaches the online session data includes a phone number and the end time of an online session (col. 31 lines 48-57).

**Regarding claims 27 and 46**

Strauss teaches comparing phone numbers in the call details to phone numbers in the online session data (col. 10 lines 3-15).

**Regarding claim 29**

Lawlor and Strauss do not teach the step of repeating phone calls to users is automated. "Official Notice is take for the concept and advantage of automatically redial/dial phone calls is well known and expected in the art. U.S. Patent 6,438,599 discloses the telephone initiator can be done automatically by a computer software (see col. 5 lines 42-45).

**Regarding claim 47**

Lawlor teaches a determination of the time and the time interval since an Internet session was completed (col. 31 lines 52-59).

**Regarding claim 49**

Strauss teaches the call details include whether a call was busy or unanswered (col. 12 lines 63-66, "If the called party fails ... to its ISP Server 416").

**Regarding claim 50**

Lawlor and Strauss do not teach comparing the time interval to a threshold to determine whether a specific user is targeted for a repeat call. "Official Notice is take for the concept and advantage

of the time interval in automatically redial/dial phone calls is well known and expected in the art. U.S. Patent 6,438,599 discloses the telephone initiator can be done automatically by a computer software (see col. 5 lines 42-45).

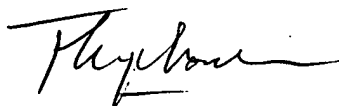
### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thomas Pham*; whose telephone number is (571) 272-3689, Monday - Thursday from 6:30 AM - 5:00 PM EST or contact Supervisor *Mr. Anthony Knight* at (571) 272-3687.

Any response to this office action should be mailed to: **Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450**. Responses may also be faxed to the **official fax number (703) 872- 9306**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**Thomas Pham**  
*Patent Examiner*



May 20, 2005



**Anthony Knight**  
**Supervisory Patent Examiner**  
**Group 3600**